

mounting member electrically connected to said optical element or a semiconductor element associated with said optical element; and

a semiconductor element driving said optical element,  
said semiconductor element mounted on said mounting member.

15. 18. (Thrice Amended) An optical module comprising:

a mounting member having a principal surface and a lateral surface, said mounting member entirely made of glass and having a core and a cladding formed therein;

an optical element mounted on said principal surface; and

a semiconductor element driving said optical element,

said semiconductor element mounted on said principal surface,

wherein said mounting member has a function of an optical waveguide, and an optical input/output terminal for said optical waveguide is provided on said lateral surface.

#### REMARKS

Claims 1-12 and 16-18 are pending. By this Amendment, claims 13-15 are canceled without prejudice or disclaimer and claims 1, 4, 7-9, 17 and 18 are amended.

Reconsideration based on the above amendments and following remarks is respectfully requested.

Entry of the amendment is proper under 37 CFR §1.116 since the amendment: (a) place the application in condition for allowance (for the reasons discussed herein); (b) do not raise any new issue requiring further search and/or consideration (since the amendment amplify issues previously discussed throughout prosecution); (c) satisfy a requirement of form asserted in the previous Office Action; (d) do not present any additional claims without canceling a corresponding number of finally rejected claims; and (e) place the application in better form for appeal, should an appeal be necessary. Entry of the amendment is thus respectfully requested.

The attached Appendix includes marked-up copies of each rewritten paragraph (37 C.F.R. §1.121(b)(1)(iii)) and claim (37 C.F.R. §1.121(c)(1)(ii)).

I. THE CLAIMS DEFINE ALLOWABLE SUBJECT MATTER

The Office Action rejects claims 1-18 under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 4,756,590 to Forrest et al. The rejection is respectfully traversed.

Forrest does not teach, disclose or suggest a semiconductor element driving said optical element, said semiconductor element mounted on said principal surface as claimed in claim 1 and similarly claimed in claims 4, 17, and 18. Additionally, Forrest does not disclose that the mounting member is entirely made of glass and has a core and a cladding formed therein, as claimed in claim 1 and similarly claimed in claims 4, 17 and 18.

Forrest discloses conductor 16 formed on a block 11. See column 3, lines 10-20. The conductor 16 is not a semiconductor element. Thus, Forrest does not disclose a semiconductor element driving an optical element mounted on a mounting member as claimed in the claimed invention.

As discussed with the Examiner during the personal interview, the claims have been amended to recite that the mounting member is made entirely of glass. Thus, this Amendment does not raise new issues and is in condition for allowance.

For at least these reasons, it is respectfully submitted that claims 1, 4, 17 and 18 are distinguishable over the applied art. The remaining claims, which depend from claims 1, 4, 17 and 18 are likewise distinguishable over the applied art for at least the reasons discussed as well as for the additional features they recite. Withdrawal of the rejection under 35 U.S.C. §102 is respectfully requested.

II. CONCLUSION

It is respectfully submitted that this application is in condition for allowance.

Should the Examiner believe that anything further desirable in order to place this application even better condition for allowance, the Examiner is invited to contact Applicants undersigned representative at the telephone listed below.

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Kevin M. McKinley  
Registration No. 43,794

Attachments:

Appendix  
Petition for Extension of Time

JAO:KMM/tam

Date: June 12, 2002

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

RECEIVED  
JUN 12 2002  
TECHNOLOGY CENTER 2800

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
--

D